

After a review of the likely effects of the various power line delivery systems, I find it alarming that such a method is being considered. Sending HF signals over power lines, which then act as antennas is a practice that can cause large amounts of interference for other users of those frequencies. Experiments by ARRL, and Dutch and Japanese Amateur radio affiliates predict in many cases a 70db increase in interference noise. This would virtually eliminate Amateur Radio use in neighborhoods using BPL and other delivery by power line methods.

While the delivery of broadband is a very important activity, and the effort to deliver it to as many people as possible is to be applauded, a delivery system for broadband would normally never be designed in such a manner; over open and unshielded lines which function inadvertantly as antennas. It would be much better to use other, less disruptive systems which will not eliminate other uses of the radio spectrum.